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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/751,057	01/02/2004	Padmaja Putcha	CS90098	4482
20280	7590	05/19/2005	EXAMINER	
MOTOROLA INC 600 NORTH US HIGHWAY 45 ROOM AS437 LIBERTYVILLE, IL 60048-5343			KADING, JOSHUA A	
			ART UNIT	PAPER NUMBER
			2661	

DATE MAILED: 05/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/751,057	Applicant(s) PUTCHA ET AL.	
	Examiner Joshua Kading	Art Unit 2661	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☒ Claim(s) 1, 2, 6, 8, 9, 15, and 16 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 January 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>1-2-04</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Objections

1. Claims 1, 2, 6, 8, 9, 15, and 16 are objected to because of the following informalities:

Regarding claim 1, line 1, there should be an "a" inserted between the words "to" and "communication", i.e. --to a communication--.

Regarding claim 1, lines 4, a semi-colon should replace the period at the end of the line, i.e. "frequency." should be changed to --frequency;--.

Regarding claim 2, line 2, "a data session" should be changed to --the data session-- for clarity.

Regarding claim 6, line 2, "store" should be changed to --stored--.

Regarding claim 8, line 1, "associate" should be changed to --associated--.

Regarding claim 9, lines 3, "a data session" should be changed to --the data session--.

Regarding claim 15, line 1, there should be a "the" inserted between the words "of" and "data", i.e. --of the data--.

Regarding claim 16, line 4, "the service redirection" should be changed to --a service redirection--.

Regarding claim 16, lines 8-9, "a plurality of MCCH's" should be changed to --the plurality of MCCH's-- to avoid confusion.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-16 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent 4,831,373, Hess.

Regarding claims 1, 13, and 16, Hess discloses, “a method for camping in a multi-frequency wireless communication system (*col. 7, lines 1-6 describe the multi-frequency channel system*), comprising: broadcasting over a BCCH to a mobile station on a first frequency semi-static information for a service redirection for a data session (*col. 5, lines 58-65 describe the listening to the master channel (broadcast channel) for the channel allocation information; figure 2 shows the semi-static information sent over the broadcasting channel to inform the mobiles of newly assigned frequency channels*); broadcasting over a plurality of multicast control channels (MCCH's), a notification of the data session, prior to the start of the data session over the first frequency (*col. 5, lines 56-58 and 61-62 whereby transmitting “all currently assigned data channels” this is effectively broadcasting over multicast channels and the information broadcast is informing the mobiles of the impending channel allocation change, e.g. a data transmission*); and camping on a second frequency associated with at least one MCCH of the plurality of MCCH'S (*col. 5, lines 65-68*).”

Regarding claim 2, Hess discloses, "camping on the first carrier frequency after a data session has been received on the second carrier frequency (*figure 6A, element 610 where reverting back to the first frequency from the second frequency when it is no longer needed, e.g. after data transmission*)."

Regarding claims 3, 4, and 7, Hess discloses, "wherein the frequency redirection message is sent on a broadcast control channel (BCCH) of the first carrier frequency the device is camped on (*col. 5, lines 58-61 where the transmitting on the master data channel is broadcasting broadcast messages about frequency allocation and it is done on the current (first) frequency*)."

Regarding claims 5 and 10, Hess discloses, "determining a configuration associated with the second carrier frequency in accordance with receiving a broadcast data session (*col. 5, lines 65-67 where the data tables contain the configuration parameters*); and configuring the device to receive the broadcast data session in accordance with the determined configuration (*col. 5, lines 67-68*)."

Regarding claim 6, Hess discloses, "wherein the parameters of a radio configuration for the second carrier frequency are stored in a memory of the device (*col. 5, lines 65-68 where the data table is stored in a memory as described in col. 9, lines 66-68*)."

Regarding claims 11 and 12, Hess discloses, "receiving a first broadcast data set on the first frequency (*col. 5, lines 61-68*); and simultaneously receiving a second broadcast data set on the second frequency (*col. 5, lines 58-61*)."

Regarding claims 8, 9, and 14, Hess discloses, "wherein receiving a notification, on a multicast control channel (MCCH) associated with the second carrier frequency, of the start of the data session on the second carrier frequency receiving the notification prior to the start of the data session (*col. 5, lines 56-58 and 61-62*)."

Regarding claim 15, Hess discloses, "wherein the start of the data session notification message is sent prior to the start of the data session (*col. 5, lines 56-68*)."

Conclusion


4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. U.S. Patent 5,249,181, Wang et al. shows the BCCH and other control channels as part of a wireless transmission protocol in figure 2. U.S. Patent 6,308,076 B1, Hoirup et al. shows the BCCH and storing frequency channel information for future use. U.S. Patent 6,477,377 B2, Backstrom et al. shows the BCCH in figure 5.

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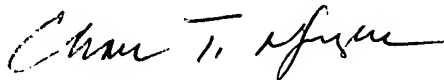
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joshua Kading whose telephone number is (571) 272-3070. The examiner can normally be reached on M-F: 8:30AM-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chau Nguyen can be reached on (571) 272-3126. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Joshua Kading
Examiner
Art Unit 2661

May 4, 2005



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SUPERVISORY PATENT EXAMINER
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